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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number	10/622,068
Filing Date	July 15, 2003
First Named Inventor	Legarda Ibanez
Art Unit	1614-1617
Examiner Name	Unknown J. Kim
Attorney Docket Number	55979/314570 (0200US)

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Z	1	DERLET, R.W. et al., Anticonvulsant Modification of Cocaine-Induced Toxicity in the Rat, Neuropharmacology, 1990, Vol. 29, No. 3, pp. 255-259.	
	2	DERLET, R.W. et al., Flumazenil Induces Seizures and Death in Mixed Cocaine-Diazepam Intoxications, Annals of Emergency Medicine, 1994, Vol. 23, No. 3, pp. 494-498.	
	3	MALBRAIN, M.L. et al., A Massive, Near-Fatal Cocaine Intoxication in a Body-Stuffer, Acta Clinica, Belgium, 1994, Vol. 49, No. 1, pp. 12-18.	
	4	UKI, F. et al., The Effect of Flumazenil Administration on Acute Cocaine Intoxication of Rats, Arukoru Kenkyu to Yakubutsu Izon, 1994, Vol. 29, No. 2, pp. 92-102.	
	5	WOOLF, A., Cocaine Poisoning, Clinical Toxicology Review, May 1995, Vo. 18, No. 8.	

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## U.S. PATENT DOCUMENTS

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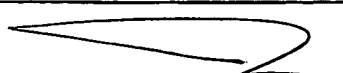
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F	3.	Baldwin, H.A., <i>et al.</i> , "Flumazenil Prevents the Development of Chlordiazepoxide Withdrawal in Rats Tested in the Social Interaction Test of Anxiety," <i>Psychopharmacology</i> , Vol. 97, No. 3, pp. 424-426 (1989) (Abstract Only)	
I	4.	Brooks-Kayal-A.R., <i>et al.</i> , "Human Neuronal $\gamma$ -Aminobutyric Acid <sub>A</sub> Receptors: Coordinated Subunit mRNA Expression and Functional Correlates in Individual Dentate Granule Cells," <i>J. Neuroscience</i> , Vol. 19, No. 19, pp. 8312-8318 (1999)	
I	5.	Criswell, H.E., <i>et al.</i> , "Effect of Zolpidem on Gamma-aminobutyric Acid (GABA)-Induced Inhibition Predicts the Interaction of Ethanol with GABA on Individual Neurons in Several Rat Brain Regions," <i>J. Pharmacol. Exp. Therp.</i> , Vol. 273, No. 1, pp. 526-536 (1995) (Abstract Only)	
I	6.	Ferrara, G., <i>et al.</i> , "Increased Expression of the Neuropeptide Y receptor Y1 Gene in the Medical Amygdala of Transgenic Mice Induced by Long-term Treatment with Progesterone or Allopregnanolone," <i>J. Neurochemistry</i> , Vol. 79, pp. 417-425 (2001)	
I	7.	Frostholm, A., <i>et al.</i> , "Harmaline-induced Changes in Gamma Aminobutyric Acid <sub>A</sub> Receptor Subunit mRNA Expression in Murine Olivocerebellar Nuclei," <i>Molecular Brain Research</i> , Vol. 85, pp. 200-208 (2000)	
I	8.	Gee, K., <i>et al.</i> , "A Putative Receptor for Neurosteroids on the GABA <sub>A</sub> Receptor Complex: The Pharmacological Properties and Therapeutic Potential of Epalons," <i>Crit. Rev. Neurobiol.</i> , Vol. 9, Nos. 2-3, pp. 207-227 (1995)	
I	9.	Gulinello, M., <i>et al.</i> , "Progesterone Withdrawal Increases the $\alpha$ 4 Subunit of the GABA <sub>A</sub> Receptor in Male Rats in Association With Anxiety and Altered Pharmacology - A Comparison With Female Rats," <i>Neuropharmacology</i> , Vol. 43, pp. 701-714 (2000)	
I	10.	Gulinello, M., <i>et al.</i> , "Anxiogenic Effects of Neurosteroid Exposure: Sex Differences and Altered GABA <sub>A</sub> Receptor Pharmacology in Adult Rats," <i>J. Pharmacology and Experimental Therapeutics</i> , Vol. 305, No. 2, pp. 541-548 (2003)	
I	11.	Hawkinson, J.E., "Substituted 3 $\beta$ -Phenylethynyl Derivatives of 3 $\alpha$ -Hydroxy-5 $\alpha$ -pregnan-20-one: Remarkably Potent Neuroactive Steroid Modulators of $\gamma$ -Aminobutyric Acid <sub>A</sub> Receptors," <i>J. Pharmacology and Experimental Therapeutics</i> , Vol. 287, No. 1, p. 198-207 (1998)	
I	12.	Hogenkamp, D.J., <i>et al.</i> , "Synthesis and in Vitro Activity of 3 $\beta$ -Substituted-3 $\alpha$ -Hydroxypregnan-20-ones: Allosteric Modulators of the GABA <sub>A</sub> Receptor," <i>J. Med. Chem.</i> , Vol. 40, pp. 61-72 (1996)	
F	13.	Hsu, F., <i>et al.</i> , "Progesterone Withdrawal Reduces Paired-Pulse Inhibition in Rate Hippocampus: Dependence on GABA <sub>A</sub> Receptor $\alpha$ 4 Subunit Upregulation," <i>J. Neurophysiol.</i> , Vol. 89, pp. 186-198 (2003)	

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		Filing Date	July 15, 2003
		First Named Inventor	Juan Legarda Ibanez
		Group Art Unit	1614-1617
		Examiner Name	Not yet assigned J. Kim
Sheet 3	of 5	Attorney Docket Number	55979-314570 (55979-0200)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
Z	14.	Krogsgaard-Larsen, P., <i>et al.</i> , "GABA <sub>A</sub> Agonists and Partial Agonists: THIP (Gaboxadol) as a Non-Opioid Analgesic and a Novel Type of Hypnotic," <i>Biochemical Pharmacology</i> , Vol. 68, pp. 1573-1580 (2004)	
	15.	Holt, R.A., <i>et al.</i> , "Chronic Treatment with Diazepam or Abecarnil Differently Affects the Expression of GABA <sub>A</sub> Receptor Subunit mRNAs in the Rat Cortex," <i>Neuropharmacology</i> , Vol. 35, Nos. 9 & 10, pp. 1457-1463 (1996); <i>Abstract only</i> .	
	16.	Lan, N.C., <i>et al.</i> , "Differential Responses of Expressed Recombinant Human Gamma-aminobutyric acid <sub>A</sub> Receptors to Neurosteroids," <i>J. Neurochem.</i> , Vol. 57, No. 5, pp. 1818-1821 (1991) (Abstract Only)	
	17.	Lee, C., <i>et al.</i> , "Effects of Benzodiazepine Receptor Antagonist, Flumazenil, on Antinociceptive and Behavioural Responses to the Elevated Plusmaze in Mice," <i>Neuropharmacology</i> , Vol. 30, No. 12A, pp. 1263-1267 (1991) (Abstract Only)	
	18.	Medina, J.H., <i>et al.</i> , "Overview-Flavonoids: A New Family of Benzodiazepine Receptor Ligands," <i>Neurochemical Research</i> , Vol. 22, No. 4, pp. 419-425 (1997)	
	19.	Smith, S.S., <i>et al.</i> , "Neurosteroid Administration and Withdrawal Alter GABA <sub>A</sub> Receptor Kinetics in CA1 Hippocampus of Female Rats," <i>J. Physiol.</i> , Vol. 567, Pt. 2, pp. 421-436 (2005) (Abstract Only)	
	20.	Sur, C., <i>et al.</i> , "Preferential Coassembly of $\alpha 4$ and $\delta$ Subunits of the $\gamma$ -Aminobutyric Acid <sub>A</sub> Receptor in Rat Thalamus," <i>American Society of Pharmacology and Experimental Therapeutics</i> , Vol. 56, pp. 110-115 (1998)	
	21.	Van Miert, A.S., <i>et al.</i> , "Appetite-modulating Drugs in Dwarf Goats, With Special Emphasis on Benzodiazepine-induced Hyperphagia and Its Antagonism by Flumazenil and RO 15-3505," <i>J. Vet. Pharmacol. Ther.</i> , Vol. 12, No. 2, pp. 147-156 (1989); <i>Abstract only</i>	
	22.	Whittemore, E.R., <i>et al.</i> , "Pharmacology of the Human Gamma-aminobutyric acid <sub>A</sub> Receptor Alpha 4 Subunit Expressed in <i>Xenopus</i> <i>Laevis</i> Oocytes," <i>Mol. Pharmacol.</i> , Vol. 50, No. 5, pp. 1364-1375 (1996) (Abstract Only)	
Z	23.	Wisden, W., <i>et al.</i> , "Cloning, Pharmacological Characteristics and Expression Pattern of the Rat GABA <sub>A</sub> Receptor Alpha 4 Subunit," <i>FEBS Lett.</i> , Vol. 289, No. 2, pp. 227-230 (1991) (Abstract Only)	

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J	24.	Adkins, C.E., <i>et al.</i> , "α4β3δ GABA <sub>A</sub> Receptors Characterized by Fluorescence Resonance Energy Transfer-derived Measurements of Membrane Potential," <i>J. Biological Chemistry</i> , Vol. 276, No. 42, pp. 38934-38939 (2001)	
	25.	Akk, G., <i>et al.</i> , "Activation of GABA(A) Receptors Containing the alpha4 subunit by GABA and Pentobarbital," <i>J. Physiol.</i> , Vol. 556, Part 2, , pp. 387-399 (2004)	
	26.	Banerjee, P.K., <i>et al.</i> , "Alterations in GABA <sub>A</sub> Receptor α1 and α4 Subunit mRNA Levels in Thalamic Relay Nuclei Following Absence-like Seizures in Rats," <i>Experimental Neurology</i> , Vol. 154, pp. 213-223 (1998)	
	27.	Biggio, G., <i>et al.</i> , "GABA <sub>A</sub> -receptor Plasticity During Long-Term Exposure to and Withdrawal from Progesterone," <i>Int. Rev. Neurobiol.</i> , Vol. 46, pp. 207-241 (2001), Abstract only	
	28.	Burt, D.R., "Alpha Subunit Position and GABA Receptor Function," <i>Science's STKE</i> , No. 270, PE5, pp. 1-2 (2005)	
	29.	Lovick, T.A., <i>et al.</i> , "Changes in GABA <sub>A</sub> Receptor Subunit Expression in the Midbrain During the Oestrous Cycle in Wistar Rats," <i>Neuroscience</i> , Vol. 131, pp. 397-405 (2005)	
	30.	Lujan, R., <i>et al.</i> , "Glutamate and GABA Receptor Signalling in the Developing Brain," <i>Neuroscience</i> , Vol. 130, pp. 567-580 (2005)	
	31.	Mody, I., "Distinguishing between GABA <sub>A</sub> Receptors Responsible for Tonic and Phasic Conductances," <i>Neurochemical Research</i> , Vol. 26, Nos. 8-9, pp. 907-913 (2001)	
	32.	Porter, B.E., <i>et al.</i> , "Heterogeneous GABA(A) Receptor Subunit Expression in Pediatric Epilepsy Patients," <i>Neurobiol. Dis.</i> , Vol. 18, No. 3, pp. 484-491 (2005) (Abstract Only)	
	33.	Quirk, G.J., <i>et al.</i> , "Inhibition of the Amygdala: Key to Pathological States?," <i>Ann. N.Y. Acad. Sci.</i> , Vol. 985, pp. 263-272 (2003)	
	34.	Rissman, R.A., <i>et al.</i> , "Subregional Analysis of GABA <sub>A</sub> Receptor Subunit mRNAs in the Hippocampus of Older Persons with and without Cognitive Impairment," <i>J. Chemical Neuroanatomy</i> , Vol. 28, pp. 17-25 (2004)	
	35.	Saitoh, K., <i>et al.</i> , "Nigral GABAergic Inhibition Upon Mesencephalic Dopaminergic Cell Groups in Rats," <i>Eur. J. Neurosci.</i> , Vol. 19, No. 9, pp. 2399-2409 (2004) (Abstract Only)	
J	36.	Sedvall, G., <i>et al.</i> , "Recent Advances in Psychiatric Brain Imaging," <i>Acta Radiol. Suppl.</i> , Vol. 374, pp. 113-115 (1990) (Abstract Only)	

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Z	37.	Smith, A.J., <i>et al.</i> , "Effect of a Subunit on Allosteric Modulation of Ion Channel Function in Stably Expressed Human Recombinant $\gamma$ -Aminobutyric Acid <sub>A</sub> Receptors Determined Using <sup>36</sup> Cl Ion Flux," <i>Molecular Pharmacology</i> , Vol. 59, No. 5, pp. 1108-1118 (2001)	
	38.	Smith, S.S., <i>et al.</i> , "GABA <sub>A</sub> Receptor $\alpha$ 4 Subunit Suppression Prevents Withdrawal Properties of an Endogenous Steroid," <i>Nature</i> , Vol. 392, pp. 926-930 (1998)	
	39.	Weinbroum, A.A., <i>et al.</i> , "Flumazenil Potentiation of Postoperative Morphine Analgesia," <i>Clin J. Pain</i> , Vol. 16, No. 3, pp. 193-199 (2000) (Abstract Only)	
	40.	White, J.A., <i>et al.</i> , "Antagonism of a Nicotine Plus Midazolam Discriminative Cue in Rats," <i>Behav. Pharmacol.</i> , Vol. 5, No. 3, pp. 361-355 (1994) (Abstract Only)	
	41.	Yang, W., "Cloning and Characterization of the Human GABA <sub>A</sub> Receptor Alpha 4 Subunit: Identification of a Unique Diazepam-Insensitive Binding Site," <i>Eur. J. Pharmacol.</i> , Vol. 291, No. 3, pp. 319-325 (1995) (Abstract Only)	
Z	42.	Zheng, T.M., <i>et al.</i> , "Chronic Flumazenil Alters GABA <sub>A</sub> Receptor Subunit mRNA Expression, Translation Product Assembly and Channel Function in Neuronal Cultures," <i>J. Pharmacol. Exp. Ther.</i> , Vol. 277, No. 1, pp. 525-533 (1996) (Abstract Only)	
	43.	Zheng, T.M., <i>et al.</i> , "Changes in $\gamma$ -aminobutyrate Type A Receptor Subunit mRNAs, Translation Product Expression, and Receptor Function During Neuronal Maturation in vitro," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 10952-10956 (1994)	

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